

NAVY DEPARTMENT  
BUREAU OF NAVIGATION

WASHINGTON, D. C.

Nav-O-MAR

6 May 1924

Bureau of Navigation News Bulletin No. 44.

The Bureau requests that this Bulletin be given free circulation among officers and that items of interest be published to the enlisted personnel. This Bulletin is NOT confidential and may be destroyed at the discretion of the Commanding Officer. Constructive suggestions for improvement will be appreciated.

- - - - -

OFFICERS' LEAVE. The Bureau will endeavor to grant to officers at the expiration of their cruises such leave of absence as has accumulated to their credit.

That for any one occasion an officer on sea duty should request not more than ten days' leave of absence plus the requisite travel time, and that during any one calendar year an officer on sea duty should not request, nor should he be granted, more than a total of thirty days' leave of absence, inclusive of the requisite travel time.

ELIGIBILITY LIST - ENLISTED PERSONNEL. Referring to Bureau of Navigation Circular Letter No. 25-24 of 7 April 1924, suspending until further orders additions to the Bureau's eligibility lists in certain ratings, several requests have been received to make exceptions in particular cases. No exceptions can be made, as to do this would nullify the equitable working of the whole eligibility list system of advancement.

To make the present situation somewhat clearer:

Commands assigned quotas

- (a) May make advancements within the quotas assigned without prior reference to the Bureau.
- (b) May not recommend men for placing on Bureau's eligibility lists except to pharmacist's mates, first class.

Commands not assigned quotas.

- (a) May recommend men for placing on Bureau's eligibility lists, but only in ratings assigned in quotas to certain commands (those ratings were listed in Circular Letter No. 25-24) and in addition may recommend advancement to pharmacist's mates, first class.

The Bureau's policy in regard to trade schools for the fiscal year 1925 has been decided upon and for the information of the Service the following summary is outlined:

- (a) A total of 2,000 enlisted men, allocated to "Trade Schools", are to be under instruction at all times.
- (b) To assist the Fleet in training non-rated men for advancement to lowest petty officer ratings in branches where excessive turnover is anticipated, certain trade schools will be maintained (Classification "A" on list attached).

(c) To assist the Fleet by giving advanced training to petty officers in several branches where the necessary equipment for such training is not available on vessels or where instruction can be given more advantageously on shore, certain trade schools will be maintained (Classification "B" on list attached).

(d) To assist the Fleet by giving elementary training for submarine duty to personnel required as replacements for submarines before assignment to that duty, a trade school for that purpose will be maintained.

(e) The facilities of certain trade schools will be made available for assignment of personnel direct from the Fleet for special courses of instruction. This subject will be detailed in separate correspondence.

(f) The revised qualifications for entrance to the various trade schools will be promulgated to the Service as soon as possible.

(g) The Bureau will assign quotas or request nominations for such personnel as is to be supplied to the various schools from the sources shown on lists.

The Bureau will assure the return to the commands from which received of all men sent to trade schools from the Fleets. Men attending trade schools, received from the vessels of the Fleet within the quotas assigned, will not be considered during that time as in the complements of their ships.

It will be noted that provision has been made for an electrical school, a sound school and a radio material school on the West Coast. The Bureau does not contemplate the opening of any other new schools on that coast during the fiscal year 1925.

The following schools will be kept closed or in an inactive status:

- (a) Yeoman; Hampton Roads, San Diego
- (b) Gunner's Mates, Washington, D.C.
- (c) Photographers, Pensacola.
- (d) Pigeon Training, Anacostia.
- (e) Aviation Riggers, Great Lakes.
- (f) Instrument Repair Class, Great Lakes.

#### LIST "A"

Trade Schools maintained for training non-rated men for lowest petty officer ratings during fiscal year 1925.

<u>SCHOOL</u>	<u>LOCATION</u>	<u>ALLOCATION</u>	<u>SOURCE OF PERSONNEL</u>
Radio	Gt. Lakes	40	N.T.S. Gt. Lakes, San Diego, Hampton Rds., and Newport.
	San Diego	40	
	Hampton Rds.	50	
Electrical	Hampton Rds.	150	N.T.S. Hampton Rds., Gt. Lakes, Newport, Scouting Fleet
	San Diego	100	
Torpedo-man	Newport	50 #	Scouting Fleet
Hospital Corpsmen	Portsmouth, Va.	150	1st. enl. N.T.S. Hampton Rds., Gt. Lakes, Newport, Scouting Fleet (BuNav Man. Art. D-3111)
	Mare Island	50	1st. enl. N.T.S. San Diego Battle Fleet (BuNav Man. Art. D-3111)

SCHOOL	LOCATION	ALLOCATION	SOURCE OF PERSONNEL
Musicians	Hampton Roads	75	First enlistments N.T.S. Hampton Roads N.T.S. Great Lakes N.T.S. Newport
	San Diego	40	First enlistments N.T.S. San Diego
Machinist's Mates	Hampton Roads	600	N.T.S. Hampton Roads N.T.S. Great Lakes N.T.S. Newport Scouting Fleet
Aviation Carpenter's Mates	Great Lakes	40	Battle Fleet Scouting Fleet Air Stations
Coppersmiths	Hampton Roads	35	N.T.S. Hampton Roads N.T.S. Great Lakes N.T.S. Newport Scouting Fleet
Aerographers	Anacostia	10	Special requests

\* The torpedomen's school appears on both list "A" and list "B" with a total allocation of 100 men.

#### LIST "B"

Trade Schools maintained for advanced training on shore of petty officers of certain special ratings during fiscal year 1925.

Torpedomen	Newport	50*	Scouting Fleet Control Force Special assignments
Aviation Machinist's Mates	Great Lakes	30	Battle Fleet Scouting Fleet Air Stations
Aviation Metal- smiths	Great Lakes	5	Special assignments
Optical	Mare Island	10	Battle Fleet
	Washington	10	Scouting Fleet
Fuel Oil	Philadelphia	20	Scouting Fleet
Sound	New London	20	Scouting Fleet Control Force
	San Diego	20	Battle Fleet.

SCHOOL	LOCATION	ALLOCATION	SOURCE OF PERSONNEL
Pharmacist's Mates	Washington Mare Island Portsmouth, Va.	25 10 20	Special assignments Battle Fleet Scouting Fleet Control Force
Fire Control	Washington	50	Battle Fleet Scouting Fleet
Radio Material	Washington West Coast	25 25	Scouting Fleet Battle Fleet
Submarine Train- ing	New London	75	Special assignments
Pilot Training	Pensacola	50	Special assignments

\* The torpedomen's school appears on both list "A" and list "B" with a total allocation of 100 men.

### AVIATION INSIGNIA.

The Navy Department has directed that when the present supply of insignia for Naval Aviators, Aviation Pilots and Balloon Pilots is exhausted, officers will be required to supply themselves at their own expense.

### HYDROGRAPHIC OFFICE.

Charts and books distributed by the Hydrographic Office are issued by the Supply Office, Naval Station, Cavite, P.I., for vessels on the Asiatic Station, which vessels should apply to that office for emergency issues of charts and books.

The HULL and GERRY are surveying a cable route between Seattle, Washington, and Seward, Alaska, using the sonic depth finder. The Army Cablesip DELLWOOD will lay two loads of this cable, one in May and one in September of this year.

Upon the recommendation of Chief Gunner E. Stuart Tucker, U.S.S. MARYLAND, in order to facilitate the use of the dead reckoning bug on navigational charts and plotting sheets, the natural scale will be shown on all charts printed in the future. On general and coastal charts the natural scale of the middle latitude of the chart will be given. On the plotting sheets the natural scale will be given for each degree of latitude.

The U.S.S. WRIGHT has begun the aeroplane photographs for making the photographic map of the area in the Gulf of Batabano, Cuba, being surveyed by the U.S.S. HANNIBAL. Lt. Lester T. Hundt is in charge of the photographic planes.

### MOTHER'S DAY.

Sunday, May 11, 1924, will be observed throughout the United States as "Mother's Day". The service should appreciate the full significance of "Mother's Day" and should join in this tribute to their Mothers. Every man who has a Mother living should write to her on that day.

### NAVY DESTROYERS TO BE TURNED OVER TO THE COAST GUARD.

The Secretary of the Treasury has requested the Secretary of the Navy to turn over the following destroyers for use in the Coast Guard:-

AMMEN, BEALE, CASSIN, DOWNES, JOUETT, PATTERSON and PAULDING

Such a transfer was directed by the Secretary of the Navy on April 23d.

### PREPARATION FOR OLYMPIC GAMES.

On 23 and 24 April, the South Atlantic Championships and Olympic Tryouts - Boxing - were held at the Fourth Regiment Armory, Baltimore, Md. Six officers and fifteen enlisted men of the Navy and Marine Corps who are under training at the U. S. Naval Academy were entered in these tryouts. Of these, two officers and two enlisted men qualified for the final Olympic tryouts and two officers and three enlisted men won seconds. In all, the Navy brought back the championship Team Shield which will be on exhibition with other Navy athletic trophies at the Navy Department as soon as engraved, four gold medals and five silver medals.

### U. S. NAVAL ACADEMY.

Number of midshipmen in the Naval Academy:

1st class . . . . .	525
2d class . . . . .	471
3d class. . . . .	520
4th class . . . . .	<u>766</u>

TOTAL . . . . . 2282

The results of the examination of candidates for midshipmen for this year have not been completed, but it is estimated that the entering class for 1924 will contain about 225 midshipmen.

Of this year's graduating class 8 have been assigned to the Supply Corps; 25 to the Marine Corps; and about 20 will resign for the purpose of entering the Army. It is estimated that the number to receive commissions in the Line of the Navy will probably be about 450.

### NAVY MUTUAL AID OPEN TO RESERVE.

Inquiries received by the Secretary-Treasurer, Navy Mutual Aid indicate that it is not generally understood that Naval Reserve Officers are eligible to take out insurance in this company. Naval Reserve Officers are eligible for insurance in this company at any time while they hold commissions in the Naval Reserve Force, provided they are under forty-five years of age and pass the required physical examination. This is a very cheap and satisfactory form of insurance, limited to officers of the Naval Service, including Naval Reserve, as the name indicates. Complete information may be had by addressing Rear Admiral T. J. Cowie, Secretary-Treasurer, Navy Mutual Aid, Navy Department, Washington, D.C.

NAVAL RESERVE PHYSICAL EXAMINATION FOR AVIATION.

The following is quoted from a communication received from the Bureau of Medicine and Surgery regarding physical examinations of officers of Class 5 of the Naval Reserve Force.

"The physical examination for flying requires medical officers specially trained in aviation medicine, and considerable special apparatus. The following stations and ships are equipped with personnel and material to conduct the physical examinations for flying: U.S. Naval Air Station, Pensacola, Florida; U.S. Naval Air Station, San Diego, California; U. S. Naval Air Station, Hampton Roads, Virginia; Naval Medical School, Wash. DC.; Naval Air Station, Coco Solo, Canal Zone; Naval Air Station, Pearl Harbor, Hawaii, Marine aviation units; Quantico, Virginia; San Domingo City, Dominican Republic; Port au Prince, Haiti; Sumay, Gurn. Ships: Flag Ship Commander, Air Craft Squadrons, Battleship Fleet; Flag Ship Commander, Air Craft Squadrons, Scouting Fleet; Flag Ship Commander, Air Craft Squadrons, Asiatic Fleet. It is suggested that all future examinations of Reserve Officers for transfer to Class Five from Class Six be conducted by medical personnel at the above stations and ships."

NAVAL RESERVE CRUISES.

The Department has approved training cruises for the U.S.S. CHEYENNE assigned to the Baltimore Unit of the Naval Reserve Force from 5 July 1924 to 19 July, 1924 and from 2 August to 16 August 1924.

The Department has approved the following training cruises for Eagles #42 and 46 assigned to the First Naval District:

April 12 to 26	July 29 to 9 Aug.
May 3 " 17	Aug. 16 "30 Aug.
May 24 " 7 June	Sept. 6 "20 Sept.
June 14 " 28 June	Sept. 27 "11 Oct.
July 5 " 19 July	

The itinerary of these cruises will include the following places:

From Provincetown to Rockland, Maine; Bar Harbor, Maine; Portland, Maine; New Haven, Connecticut; New York; New London, Connecticut; New Bedford, Mass.; Boston, Mass. and return to Provincetown, Mass. This will be a cruise of 1154 miles.

NAVAL RESERVE EXAMINATIONS.

The Commandant of the Ninth Naval District reports that examinations of most of the Reserve Officers for promotion have been completed and that the Board is now engaged in marking the papers.



The Commandant, Third Naval District reports that all examinations have been completed and papers marked.

Owing to the large amount of clerical work in connection with the examinations and re-examinations of officers of Classes 1, 2 and 5, it is impossible to examine the records and officers of Class 6 for confirmation and promotion at this time. The Commandant will not authorize any more officers of Class 6 to appear for physical examination for confirmation or for promotion until receipt of further orders from the Bureau.

The re-examination of officers of the Naval Reserve Force who have failed in their examination for promotion or who failed to take the examination will not be held until after all work in connection with the first examination has been completed.

NAVAL RESERVE SERVICE NECESSARY TO QUALIFY

The Judge Advocate General has advised the Bureau of Navigation that, in his opinion, the active service required of members of the Naval Reserve Force to qualify for confirmation in their ranks or ratings in the Naval Reserve Force, Class 2, must be active service performed in the Naval Reserve Force pursuant to orders issued by competent authority, and that in the absence of statutory provision, active service in the Naval Militia cannot be counted as active service for the purpose of confirmation in the Naval Reserve Force.

- - - -



NAVY DEPARTMENT  
BUREAU OF NAVIGATION  
WASHINGTON, D. C.

Nav-O-11AR

16 May 1924

BUREAU OF NAVIGATION NEWS BULLETIN NO. 45.

THE BUREAU REQUESTS THAT THIS BULLETIN BE GIVEN FREE CIRCULATION AMONG OFFICERS AND THAT ITEMS OF INTEREST BE PUBLISHED TO THE ENLISTED PERSONNEL. THIS BULLETIN IS NOT CONFIDENTIAL AND MAY BE DESTROYED AT THE DISCRETION OF THE COMMANDING OFFICER. CONSTRUCTIVE SUGGESTIONS FOR IMPROVEMENT WILL BE APPRECIATED.

- - - - -

LEGISLATION:

- (a) Hearings on the Equalization Bill have been completed. It is believed a modified bill will be reported which keeps the number of Rear Admirals in all Corps as at present provided by law; provides for running mate promotion with the line up to the Captain's Grade and provides no additional grades in any corps.
- (b) The Naval Appropriation Bill is still in conference.
- (c) Hearings have not yet begun before the House Naval Committee on the Naval Reserve Force Bill. It is not known when they will begin.
- (d) Hearings have been held on a number of private Bills.
- (e) It is expected that the Omnibus Bill will be taken up in Congress before adjournment.

DESERTIONS - REENLISTMENTS.

Since the first of July last 6691 men have been declared deserters; of this number 3967 have either surrendered or been apprehended. This shows over 59% have been returned to the Service. During this same period reenlistments have averaged 71%. For January, February, March and April reenlistments averaged over 100%.

CORBETT'S NAVAL OPERATIONS.

The third volume of Corbett's Naval Operations, the British official history of Naval operations of the war, will be supplied to ships and stations already possessing the first two volumes, if request is made to the Bureau.

EDUCATIONAL COURSES IN PERU.

The Training Division has received a request from the U. S. Naval Mission to Peru for copies of the Bureau's courses in Communications, Engineering subjects, Electricity and Aviation subjects. The Naval

Mission expects to translate as much of the material as applies to the conditions existing in the Peruvian Navy.

#### MOTION PICTURE SERVICE.

The Bureau of Navigation has been very much gratified to receive many congratulatory letters relative to the Bureau's Motion Picture Service to the Fleet during the winter maneuvers. One ship writes:

"Never before have we had so many high class productions as during the past winter. Officers and men alike were enthusiastic in their commendations."

The new system for the purchase of duplicate prints of each picture obtained is now beginning to have its full effect and the motion picture service should show continued improvement. The Bureau desires all ships and stations to use this service when it is practicable since the increased revenue derived affords a larger library.

#### HYDROGRAPHIC OFFICE.

Preliminary correspondence has been conducted with the scientists of the country looking towards the organization of a scientific cruise by naval vessels for a more complete and scientific study of oceanography.

The American Practical Navigator has been revised to conform to the Nautical Almanac for 1925 in which the ephemerides of the celestial bodies are registered according to the hours of the civil day, instead of the astronomical day as formerly.

Investigations have been undertaken to determine position-lines from night observations of celestial bodies with the gyro-compass, in a manner suitable for the practice of navigation.

The U.S.S. NIAGARA has been assigned to survey duty and will be fitted out as soon as possible for this duty. She will probably survey along the coast of Venezuela.

It is requested that vessels fitted with the Sonic Depth Finder take soundings when crossing the following area: latitude  $34^{\circ} 54'$  North and  $34^{\circ} 28'$  North, longitude  $120^{\circ} 48'$  West to  $120^{\circ} 54'$  West. It is requested further that soundings be taken in crossing the deep leading into Monterey Bay in order to afford a more exact placing of the contours shown at this point on the Bathymetric Chart No. 5194.

The name Colorado Shoal will be given to the uncharted shoal discovered by the U.S.S. COLORADO on February 10, 1924, using the Sonic Depth Finder in latitude  $33^{\circ} 04'$  North, between longitude  $37^{\circ} 21'$  West and  $37^{\circ} 27'$  West. The least depth found was 422 fathoms.

An article descriptive of the work of the Hydrographic Office entitled "Down to the Sea in Ships - With Safety", by Lieutenant Commander G. E. Brandt, will be published in a large number of newspapers May 18.

#### MESSMEN ON SHORE:

The Bureau has notified all Commandants of Naval Districts that it considers non-rated men regularly detailed as messmen, in accordance with Navy Regulations, Article 1289, at radio stations where messing facilities are maintained, are entitled to the extra compensation of \$5.00 per month when performing those duties.

#### TRADE SCHOOLS.

The material for the establishment of the new Sound School at San Diego has arrived at that Base. It is expectation of this Bureau that instruction can begin about September of this year.

The following is quoted from a recent endorsement by this Bureau on a communication suggesting that only men on second enlistment be sent to a certain trade school:-

"This Bureau cannot subscribe to the recommendation that only non-rated men on second enlistment be sent for instruction. Under present conditions of rapid promotion in most of the ratings in the Navy, the mere fact that a man has completed a four year enlistment and is still a non-rated man warrants a careful investigation of his previous record, should he request special instruction. A condition in advancement may be attained in the future that will warrant giving preference to non-rated men upon reenlistment, but such a condition does not obtain at present."

The first class at the recently established fire-control school at the Navy Yard, Washington, D.C., will convene about 1 July 1924. The Bureau has received the nominations from the Fleet, and orders for the transfers will be issued shortly.

#### APPRENTICE SEAMEN.

Beginning with those men enlisting subsequent to 1 June 1924 as apprentice seamen, the course of instruction will include about two-months' training on board ship following the regular eight weeks' course at the training stations. An apprentice seaman will not be advanced until he qualifies after the completion of the combined course of training, and in no case before four months' total service.

#### ADVANCEMENTS.

The limiting date for transfers from yeomen ratings to storekeepers without prior reference to the Bureau has passed. There are approximately 1750 billets for storekeepers of all ratings in the Navy.

With the transfers effected to date there are but 1396 storekeepers in the Service. Every effort should be made to encourage applications for transfers, because so long as the number of storekeepers and yeomen combined in the Service exceed the combined requirements, no advancements of non-rated men to storekeepers third class will be authorized. Changes of rating should be recommended to the Bureau as contemplated in Article D.4108, Bureau of Navigation Manual. This recommendation for a change of rating is not prohibited by Bureau's Circular Letter 25-24 of 20 February 1924.

U.S. NAVAL ACADEMY:

The report of the competitive examination for enlisted men for appointment as midshipmen from the enlisted personnel shows that 70 have passed, as follows:

Number taking the examination at San Diego, Calif.....	34
Number passing .....	17
Number failing.....	17

Number taking the examination at Hampton Roads, Va. ....	96
Number passing .....	53
Number failing.....	43

TOTAL / . . . . . 130

While the total quota of 100 has not been reached, yet it is gratifying to the Bureau that as many as 70 passed, which is the second largest number to pass mentally since the passage of the law authorizing appointment from the enlisted personnel in 1914. 79 entered the Academy from the enlisted personnel in 1920.

It is hoped that the full quota of 100 will be obtained for 1925. Every effort should be made from now on to attain this end. With this object in view, a circular letter will soon be issued by the Bureau to all ships and stations. In the meantime, all likely candidates should be given as much time as possible to study for the examination.

FIRST ENLISTMENTS AS FIREMEN 3c DISCONTINUED.

The recruiting service has been directed to discontinue until further orders, first enlistments in the rating of Fireman, third class. Applicants at recruiting stations, and recruits at training stations should be advised that hereafter changes in rating to Fireman 3c will be made only on board ship, in accordance with current instructions. These instructions are issued at this time as the Artificer Branch (S.R.F.) is now up to its authorized strength in total numbers.

RELIEF OF DESTROYERS ON EUROPEAN STATION:

Upon receipt of information that Destroyer Division 26 would relieve the six destroyers now on the European Station on 1 July 1924, the Bureau of Navigation recommended to the Chief of Naval Operations that destroyers on the European Station be relieved each year, and that this policy be made

known to the service.

In reply, the Chief of Naval Operations has stated that it is the Department's intention, in the future, to relieve the division of destroyers on the European Station about 1 July each year, by a division from the Destroyer squadrons, Scouting Fleet.

The Bureau believes that the effect of this policy will be most beneficial to morale, in holding out a chance of a foreign cruise of short duration. It will be necessary, however, to replace men whose enlistments are about to expire, but every endeavor will be made to keep replacements to a minimum. The destroyer division to be relieved will be returned intact, in order that these vessels upon arrival in the United States may take up their duties in the Scouting Fleet with the least possible disruption in personnel.

REPORT RECEIVED ON RAINCOAT RECENTLY SELECTED BY NAVIGATION.

- (a) Whether the coats are actually waterproof; if not, whether they are rainproof. Yes. Both waterproof and rainproof.
- (b) Do the coats remain flexible and pliable:
  - (1) In storage?
  - (2) In use?

- (1) Yes
- (2) Yes

- (c) Do the treated surfaces of the coats stick when placed in contact with each other?

No.

- (d) Do the coats appear to be free from danger of spontaneous combustion?

Yes.

- (e) Can the coats be rolled tightly and kept in clothes bag without cracking or other injury?

Yes.

- (f) Number of coats received and issued.

208 received a month's test; 500 was total received.

- (g) Are the coats stained by spray from salt water? If so, is the stain permanent?

No. Salt residue can be wiped off.

- (h) Do the coats rip or tear easily?

No. Not on 30-day test.

(1) Do the coats crock; i.e., do they discolor white uniforms?

No.

(j) Whether the coats are entirely suitable for service use, or whether other types would be more satisfactory.

Appear to be entirely satisfactory.

(k) Are the coats popular with the enlisted men?

Yes.

(l) Does a cost of about \$7.00 per coat appear excessive for a garment of this kind which is to be a compulsory article of the uniform outfit?

No.

NAVY COMMITTEE FOR OLYMPICS.

Captain C. R. Train, USN. In Charge  
Lieutenant B. F. Perry, USN.  
Commander Paul Dashiell, USN.  
Lt. Comdr. F. E. McMillen (SC) USN.  
Lieutenant Geo E. Mott (MC) USN.

NAVY OLYMPIC CANDIDATES.

The first of the Olympic tryouts has resulted in the selection of the following Naval candidates for the fencing team:

Lieutenant P. P. Jeter, USN	( foils
Lieutenant G. C. Colman (CC) USN	( foils
Lieutenant R. L. Bowman, USN.	( sabers
Lieutenant C. devHeadlee, USN.	( sabers
Midshipman C. H. Callaway, USN.	( sabers
Lieutenant J. A. Stewart, USMC.	( reserve

Lt JG E. G. Fullinwider, USN.